

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	Not yet saffined 2 6 2 6				
Filing Date	Herewith U/ 26060				
First Named Inventor	Marinus Gerardus Johannus Van Beuningen				
Art Unit	Not yet assigned				
Examiner Name	Not yet assigned				
Attorney Docket Number	65959/49				

Examiner	Cite	Document Number	Publication Date	T DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1	Number-Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	1	US- 5,691,146	11-25-1997	Mayrand	
	<u>'</u>	3,031,140	11-23-1997	Iviayianu	
		US-			_
		US-			
		US-			
		US-			
-		US-			
		US-			-
		US-			
··· <u> </u>		US-			
		US-			

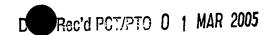
		FORE	IGN PATENT DOC	JMENTS		
Examiner Cite		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	,,,,,	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Or Relevant Figures Appear	T <sup>6</sup>
	1	WO 99/02266	01-21-1999	Akzo Nobel N.V.		
	2	WO 00/31304	06-02-2000	The Perkin-Elmer Corp.		
	3	WO 01/19517 A1	03-22-2001	PamGene B.V.		
	4	WO 01/31063 A1	05-03-2001	Epoch Biosciences, Inc.		
	5	WO 01/34842 A2	05-17-2001	University of Chicago		
	6	WO 01/48242 A2	07-05-2001	Mergen Ltd.		

Examiner	Date	·
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO			Complete if Known			
			Application Number Not yet assigned			
INI	EODMATION DISC	CLOSUDE	Filing Date	Herewith 3/26/61		
INFORMATION DISCLOSURE		First Named Inventor	Marinus Gerardus Johannus Van Beuningen			
S	STATEMENT BY APPLICANT		Art Unit	Not yet assigned		
	(Use as many sheets as ne	cessary)	Examiner Name	Not yet assigned		
Sheet	2 of	3	Attorney Docket Number	65959/49		

Examiner	Cita	Decimant North	U. S. PATENT DO		Dance Columns Lines Where										
Initials* No.1	No.1	Cite No. <sup>1</sup>	No.1	No.1	No.1	No.1	No.1	No.	No.1	No.	No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code <sup>2 (f known)</sup>			Tigures Appear											
		US-			ŀ										
		US-													
		US-													
		US-													
		US-													
		US-		<u> </u>											
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													
		US-													

	,		IGN PATENT DOC		· · · · · · · · · · · · · · · · · · ·	
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	7	EP 0 745 690 A2	12-04-1996	The Public Health Research		
				Institute of the City of NY		
	8	EP 1 186 669 A1	03-13-2002	BioChip Tech. GmbH		L
						L
						L

Examiner	Date	
Signature	Considered	
Olgitatoro	00/10/00/00	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known				
		Application Number	Not yet assigned 52626			
INFORMATION DISCLOSURE				Filing Date	Herewith	
STA	TEMENT E	BY A	PPLICANT	T First Named Inventor Marinus Gerardus Johannus Van Beuning		
	(Use as many she	ate se ni	acasean/l	Art Unit	Not yet assigned	
	(Ose as many sno	.c.s as 110	cessary)	Examiner Name	Not yet assigned	
Sheet	3	of	3	Attorney Docket Number	65959/49	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Belgrader et al., "Rapid Pathogen Detection Using a Microchip PCR Array Instrument." Clinical Chemistry 44, 10:2191-2194 (1998).	
	2	Strizhkov et al., "PCR Amplification on a Microarray of Gel-Immobilized Oligonucleotides: Detection of Bacterial Toxin- and Drug-Resistant Genes and Their Mutations." BioTechniques 29:844-857 (October 2000).	
	3	Huber et al., "Accessing Single Nucleotide Polymorphisms in Genomic DNA by Direct: Multiplex Polymerase Chain Reaction Amplification on Oligonucleotide Microarrays." Analytical Biochemistry 303:25-33 (2002).	
,	4	Carmon et al., "Solid-Phase PCR in Microwells: Effects of Linker Length and Composition on Tethering, Hybridization, and Extension." BioTechniques 32:410-420 (February 2002).	
	5	van Beuningen et al., "Fast and Specific Hybridization Using Flow-Through Microarrays on Porous Metal Oxide." Clinical Chemistry 47:1931-1933 (2001).	
	6	Ortiz et al., "PNA Molecular Beacons for Rapid Detection of PCR Amplicons." Molecular and Cellular Probes 12:219-226 (1998).	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.